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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Attorney Docket No.: 2873-US-CNT

Peter Robert Baum and William Christian Fanslow III

Serial No.:

10/622,237

Group Art Unit: 1644

Filed:

17 July 2003

Examiner: Haddad, M., Ph.D

For:

ANTIBODIES THAT BIND LDCAM

DECLARATION UNDER 37 C.F.R. §1.131

Commissioner of Patents P. O. Box 1450 Alexandria VA, 22313-1450

Sir:

I, the undersigned, hereby declare that:

- 1. I am the same William Christian Fanslow III named as co-inventor on the above-identified application. Prior to December 03, 1997, a nucleic acid encoding human LDCAM was isolated, the sequence of said nucleic acid was determined, and the amino acid sequence encoded by said nucleic acid was deduced, in the United States of America by me and Peter Robert Baum, the co-inventors named in the subject application, as evidenced by the Exhibit enclosed herewith.
- 2. The nucleic acid and amino acid sequence data presented in the Exhibit were obtained and the work that generated those data were completed in this country prior to December 03, 1997. The amino acid sequence presented in the Exhibit (HuB7L1-CoR) is identical to SEQ ID NO: 2 of the instant application, which is the amino acid sequence of human LDCAM.
- 3. Prior to December 03, 1997 in this country, I envisioned making antihuman LDCAM antibodies. Such antibodies would serve a variety of uses, including determining cell surface expression of LDCAM and for immunoprecipitation of LDCAM. Prior to December 03, 1997, it was common practice at Immunex to make antibodies to newly discovered proteins.
- 4. I therefore submit that this showing of facts is sufficient in character and weight as to establish that the invention of this application was conceived prior to December 03, 1997, the earliest possible 102(e)(1) date of the cited publication, U.S.

Declaration under 37 C.F.R. § 1.131

2873-US

Patent Application Publication US 2002/0198147 A1, and the earliest possible 102(e)(2) date of the cited U.S. Patent No. 6,642,360.

4. I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

William Christian Fanslow III

1/243601 10/25/07

EXHIBIT

Serial No. 10/622,237

2873-US-CNT





HuB7L1-Cor Full Length

(Linear) (Six Base) MAP of: 4469-Wi26.Seq check: 1995 from: 1 to: 1535 [hollingsworth.cncdna.4469] req 4469 HuB7L1 counterstructure Wi26 pool314-26#34 FINAL SEQUENCE FILE 3mGel1648, #7046, #5080 / 3mGel1663 dpc7266,67 /2mGel1671 dpc7305,6 4469-wi26

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Enzymes that do cut:

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BsaHI	BsaB1	BsaA1	B g l 1	Bcgl	Ban2	Banl	BamHl
BstZ171	BsrF1	BspMl	BspHl	Bsp1286	BsmBl	BsiEl	Bsg1
	Eco571	Ear1	Eael	Dsal	Drd1	Dra2	Clal
Econ1		Hoal	Hind3	Hinc2	HqiA1	Hae2	Ecors
Nar1	Kasl	•	PshA1	PpuML	KapHl	NspB2	Not1'
Pvu2	Pstl	Pss1		•	Sfcl	Scal	Sapl
Ttb32	Stul	Sst2	Smll	Smal			Xbal :
			Xm=3	Xma1	Xho2	Xcml	vnar .

Enzymes that do not cut:

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BsiWl	Bsml	Bspžl	BSSHZ	. –	Bpu11021	Bpml	Bsal
Dra3	Eam1105	Eco473	EcoRi	BstE2 Fsel	BstX1	B\$u361	Dra1
Munl	Ncol	Ndel	MooMI	Nhe1	Fspl Nrul	Kpn1	Mluı
PELMI	Pmel	Pmll	Pvil	Rsr2	Sali	Nsil Sfil	Pacl
SnaB1	Spel	Sphi	srfl	Sse8387	Sspl	Ssti	SgrAl Styl
Swal	Tth31	Xho1	Xmn1		-	0204	SCYL